

BROWN COUNTY: Key Data Points

- Brown county's total birth rate is lower than the state of Indiana overall, 10.3 versus 13.9 respectively
- One infant death occurred in 2003
- No women reported using alcohol during pregnancy in 2003
- The percentage of women who smoking during pregnancy is lower that the State of Indiana overall, 17.8% versus 18.5% respectively
- More mothers are breastfeeding on discharge in Brown county compared to the state of Indiana, 73.2% versus 63.2% respectively
- Brown county observed 3 accidental deaths (1 of them was motor vehicle), 4 suicidal deaths

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

| | Total | | White | | Black | | Other | |
|---------------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* |
| Brown County | 157 | 10.3 | 156 | 10.3 | 0 | 0(U) | 1 | 6.2(U) |
| INDIANA | 86,382 | 13.9 | 75,422 | 13.7 | 9,288 | 17.5 | 1,672 | 10.6 |

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

| | | NUMBER | | | | RATE* | | |
|---------------------|--------------------------|-------------|------------------------|-----------------------------|------------------------------------|------------------------|-----------------------------|------------------------------------|
| COUNTY OF RESIDENCE | REPORTED RACE/ ETHNICITY | Live Births | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) |
| BROWN | All Races | 157 | 1 | 1 | 0 | ** | ** | 0 |
| | White | 156 | 1 | 1 | 0 | ** | ** | 0 |
| | Black | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Hispanic | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| INDIANA | All Races | 86,382 | 641 | 417 | 224 | 7.4 | 4.8 | 2.6 |
| | White | 75,422 | 479 | 309 | 170 | 6.4 | 4.1 | 2.3 |
| | Black | 9,288 | 148 | 98 | 50 | 15.9 | 10.6 | 5.4 |
| | Other | 1,672 | 14 | 10 | 4 | ** | ** | ** |
| | Hispanic | 6,763 | 38 | 22 | 16 | 5.6 | 3.3 | ** |

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

| | | Birth Weight | | | | During Pregnancy | | |
|--------------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| BROWN COUNTY | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol | % Smoked | % Unmarried Parents |
| All Races | 157 | 4.5 | 0.6 | 8.9 | 87.9 | 0 | 17.8 | 31.8 |
| White | 156 | 4.5 | 0.6 | 9 | 87.8 | 0 | 17.9 | 32.1 |
| Black | 0 | ** | ** | ** | ** | ** | ** | ** |

| | | Birth Weight | | | | During Pregnancy | | |
|-----------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| INDIANA | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol | % Smoked | % Unmarried Parents |
| All Races | 86,382 | 7.9 | 1.4 | 9.9 | 80.6 | 0.6 | 18.5 | 37.1 |
| White | 75,422 | 7.2 | 1.2 | 9.5 | 82.1 | 0.6 | 19.1 | 32.6 |
| Black | 9,288 | 13.3 | 3.3 | 13.3 | 68.2 | 1.1 | 15.2 | 76.3 |

† Preterm: less than 37 weeks gestation

‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

| BROWN COUNTY | All Races | White | Black |
|------------------------------|-----------|-------|-------|
| Total Births | 157 | 156 | 0 |
| Breastfeeding on Discharge | 115 | 115 | 0 |
| % Breastfeeding on Discharge | 73.2 | 73.7 | -- |

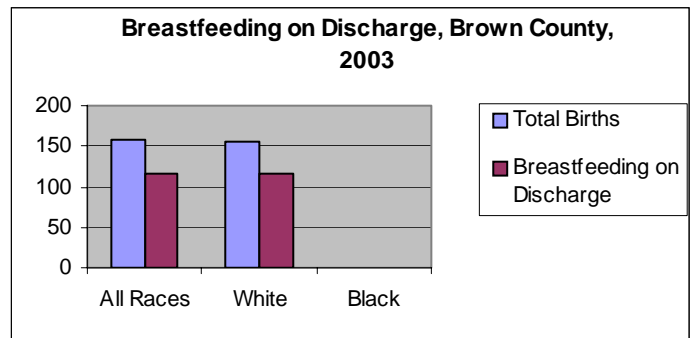


Figure 4. Breastfeeding

| INDIANA | <i>All Races</i> | <i>White</i> | <i>Black</i> |
|-------------------------------------|-------------------------|---------------------|---------------------|
| Total Births | 86,382 | 75,422 | 9,288 |
| Breastfeeding on Discharge | 54,636 | 49,385 | 3,959 |
| % Breastfeeding on Discharge | 63.2 | 65.5 | 42.6 |

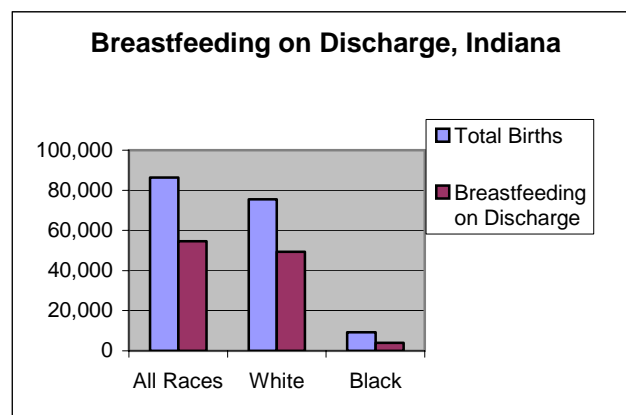


Figure 5. HIV/AIDS

| | Total # of AIDS cases reported since 1982 | Total # of HIV cases reported since 1985 |
|---------------------|--|---|
| BROWN COUNTY | 7 | 6 |
| INDIANA | 7,641 | 3,856 |

*data gathered from June 2005 HIV/STD Quarterly Report

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

| Local Agency: Human Services, Inc. Counties Included: Shelby, Brown | | | | | | | |
|--|---------------------------|-------|----------|-------|-------|-------|-----------------|
| Risk Factor or Status | Children 1-5 years of Age | | | | | Total | % within Agency |
| | White | Black | Hispanic | Asian | Other | | |
| Overweight | 23 | 0 | 4 | 0 | 1 | 28 | 6.3% |
| At Risk for becoming Overweight | 32 | 0 | 3 | 0 | 2 | 37 | 8.4% |
| | | | | | | | |
| Local Agency: State Wide Counties Included: All | | | | | | | |
| Risk Factor or Status | Children 1-5 years of Age | | | | | Total | % within Agency |
| | White | Black | Hispanic | Asian | Other | | |
| Overweight | 1,732 | 445 | 800 | 12 | 97 | 3,086 | 4.8% |
| At Risk for becoming Overweight | 2,023 | 485 | 639 | 11 | 124 | 3,282 | 5.1% |

| Priority Issues (Brown & Indiana) | | | |
|--|--|--------------|----------------|
| Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps. | | Brown | Indiana |
| 2 | % of Population enrolled in Medicaid as of June 2003 | 10 | 12.4 |
| 3 | % of Population in Food Stamps Program, 2004 | 5.7 | 8.6 |
| Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate | | Brown | Indiana |
| 1 | Av Total Infant Death Rate (1993-2002) | NS | 8.1 |
| 2 | Average Fetal Death Rate (1994-2003) | 4.8 | 6.7 |
| Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester | | Brown | Indiana |
| 1 | Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005) | No Score | NA |
| 2 | % PNC 1st Trimester†, 2003 | 87.9 | 80.6 |
| Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning | | Brown | Indiana |
| 1 | Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003 | 10 | 10.4 |
| 2 | %Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005 | NA | 2.1 |
| Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking | | Brown | Indiana |
| 1 | % of mothers Smoked During Pregnancy, 2003 | 17.8 | 18.5 |
| 2 | % of Adult Smoking in 2003 | 29.3 | 29.3 |
| Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24). | | Brown | Indiana |
| 1 | Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003) | 0 | 748 |
| 2 | Chlamydia rates per 100,000 county specific population (15-24yrs of Age) | 100.20 | 1541.49 |
| Priority #8 (obesity): Obesity in pregnant women | | Brown | Indiana |
| 1 | Number of Obese Pregnant Women In Indiana, 2003 | 3 | 2,496 |
| Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates | | Brown | Indiana |
| 1 | Child deaths due to Injury 1-14yrs (2001-2003) | 1 | 257 |
| 2 | Child Abuse and Neglect per 1,000 Population under age 18, 2004 | 13.5 | 13.5 |
| Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio | | Brown | Indiana |
| 1 | % of Hispanic Population of any Race, July,1,2004 | 0.9 | 4.3 |
| 2 | Low Birth Weight Disparity Ratio (B/W) (1993-2002) | NS | 1.92 |

Source: Data Analysis Team, ISDH. **Notes:** 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.

